

INTERNATIONAL SEARCH REPORT

Internati Application No
PCT/IB 03/03891

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01J29/46 H01J31/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03 054901 A (PHILIPS CORP INTELLECTUAL PTY ;SCHIEBEL ULRICH (NL); BACHMANN PETE) 3 July 2003 (2003-07-03) the whole document page 3-4	1, 3, 8
X	US 2002/060517 A1 (ROBINDER RONALD CHARLES ET AL) 23 May 2002 (2002-05-23) the whole document paragraphs '0005!', '0007!', '0024!'-'0032!', '0038!; figures 3-10	1, 2, 5, 8
Y	---	1-3, 5-8
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

17 December 2003

Date of mailing of the international search report

29/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 5 955 833 A (JANNING JOHN L) 21 September 1999 (1999-09-21) column 1, line 17-28 column 3, line 22 -column 4, line 39; figures 1,2 -----	1-3,8
Y	EP 0 899 770 A (MATSUSHITA ELECTRONICS CORP) 3 March 1999 (1999-03-03) paragraphs '0050!', '0039!'; figure 2 -----	6,7
Y	US 5 986 399 A (VAN VEEN GERARDUS ET AL) 16 November 1999 (1999-11-16) figure 1 -----	1,7,8
Y	US 6 069 599 A (GRANT PETER ET AL) 30 May 2000 (2000-05-30) column 4, line 46-61; figure 6 -----	5,6
X	US 3 935 500 A (OESS FREDERICK G ET AL) 27 January 1976 (1976-01-27) the whole document -----	1,2,8
Y	column 4, line 56 -column 5, line 25; figures 1-3 -----	6

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Information on patent family members

Internat.

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